

SCIVAL 활용

연구자(지원자) 연구성과 분석 매뉴얼

2026.04
연구처 연구진흥팀



경희대학교
KYUNG HEE UNIVERSITY

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1. SCOPUS, SCIVAL 접속 방법_경희대학교 홈페이지

- 경희대학교 홈페이지 - 연구/산학 - 연구포털 - SCOPUS 또는 SCIVAL 선택

The screenshot shows the Kyung Hee University website navigation menu. The '연구/산학' (Research/Industry) menu item is highlighted with a red box and a circled '1'. Below it, the '연구포털' (Research Portal) link is highlighted with a red box and a circled '2'. At the bottom, the 'Scopus' and 'Scival' links are highlighted with red boxes and a circled '3'.

대학	입학	연구/산학	교류/실천	대학생활	교육
경희정신 총장실 대학행정 대학현황 캠퍼스안내	대학 입학/편입학 대학원 입학 외국인 입학 언어·문화교육 평생교육	학술진흥 2020 연구기관 대형연구 명예의 전당 연구포털 연구자 연구정보 (PURE)	경희와 인류평화 사회공헌 국제 교류 특별강연 행사 매그놀리아 아너스 클럽 현장실습	학생지원 장학 도서관/박물관 정보서비스 커뮤니티 경희미디어	대학 대학원 후마니타스칼리지 교원검색 연구 학사 교육지원사업

1 연구/산학

2 연구포털

3 Scopus, Scival

경희는 교시 '문화세계의 창조' 아래 학문과 평화의 전통을 계승하며 대학다운 미래대학의 길을 걷고 있다. 지구적 난제 해결에 기여하는 실용적·실천적 지식을 창출하는 동시에 세계 수준의 수월성을 유지하는 연구 분야를 지속적으로 확보하고 있다.

학문의 다양성을 존중하는 대학 문화도 정착시켰다. 학문의 다양성과 탁월성을 이뤄내는 것이 대학의 근본 가치라는 판단에서다. 그 결과 인문, 사회, 자연, 공학, 예체능, 의학 등 전 학문 분야 연구가 고루 발전했으며, 세계적으로 인정받고 있다.

인류문명, 미래과학, 바이오헬스, 문화예술, 사회체육 등 5대 연계협력 클러스터를 통해 문명사적 대전환에 대응하고, 미래사회가 요구하는 학술 환경도 마련했다. 연구포털시스템을 통해 교수, 학과, 단과대학 등 경희의 연구 역량을 확인할 수 있다.



1. SCIVAL 접속 방법_경희대학교 포털

▪ 경희대학교 포털 - 주요사이트- SCIVAL 선택



경희대학교 포털
KYUNG HEE UNIVERSITY PORTAL

통합검색! 성명/내선번호/업무명 검색

ENGLISH MY PAGE

02:37:50

인포21 전자결재 웹메일 커뮤니티 **1** 주요사이트 ☆ ✕ 🏠

주요사이트

새로운 미래를 여는 경희대학교

업무지원	Aladdin(관리자) 채용관리	규정정보 통계정보	대량메일·설문 현장실습
기타	2 IT서비스(정보처) Scival 연말정산	Pure 교내전화번호 중앙도서관	S/W 다운로드 교직원증명발급센터 통합 MRO Mall

★ 즐겨찾기 설정 ✕

2023.11.03

1. SCIVAL 접속 방법_로그인 및 회원가입

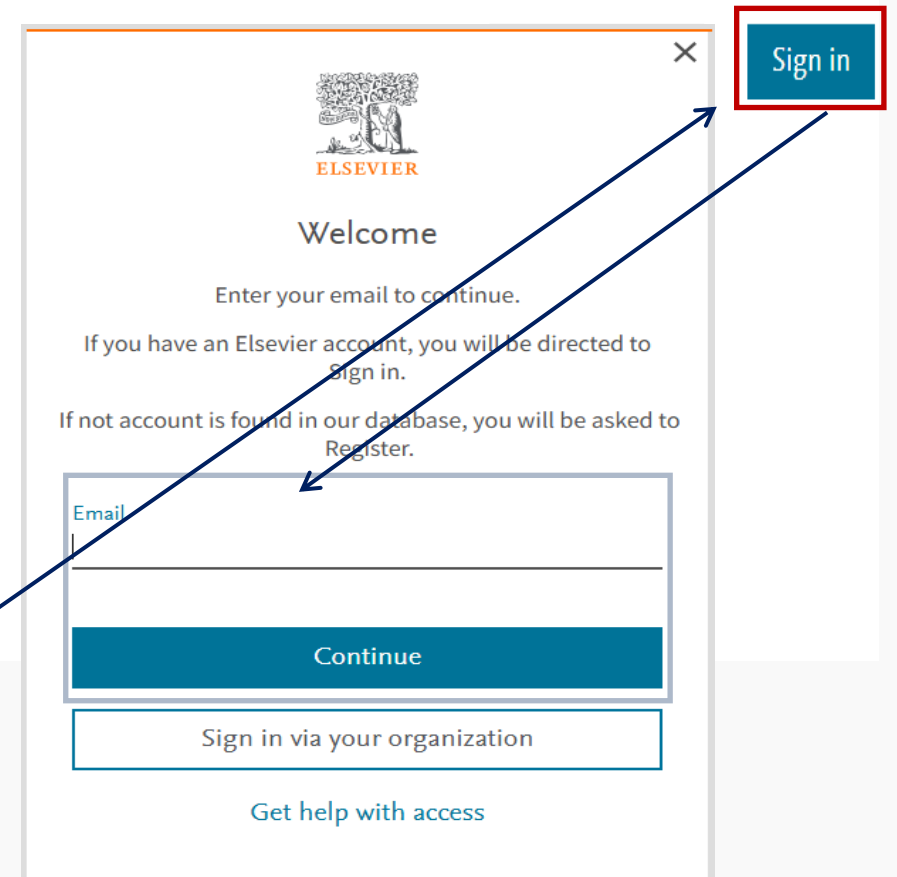
- ① Scival접속 : <https://www.scival.com/home>
- ② 이미 가입한 이용자는 가입한 Email 주소를 입력하여 로그인

Welcome to SciVal

SciVal provides access to the research performance of over 24,700 research institutions and their associated researchers, from 234 nations worldwide.

Don't have access? [Request a consultation](#) >

- ③ 가입이 처음인 이용자는 KHU Email 주소를 이용하여 계정 등록하기
(가입 순서 : Email 주소 입력 → Continue 클릭)



ELSEVIER

Welcome

Enter your email to continue.

If you have an Elsevier account, you will be directed to Sign in.

If not account is found in our database, you will be asked to Register.

Email

Continue

Sign in via your organization

Get help with access

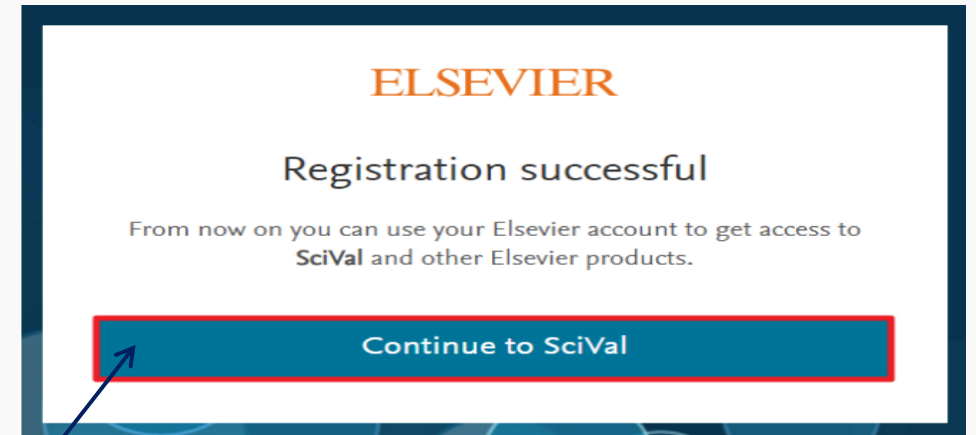
Sign in

1. SCIVAL 접속 방법_로그인 및 회원가입

④ 본인 이름, 성, 비밀번호 입력 후 Register 클릭 → 가입 완료

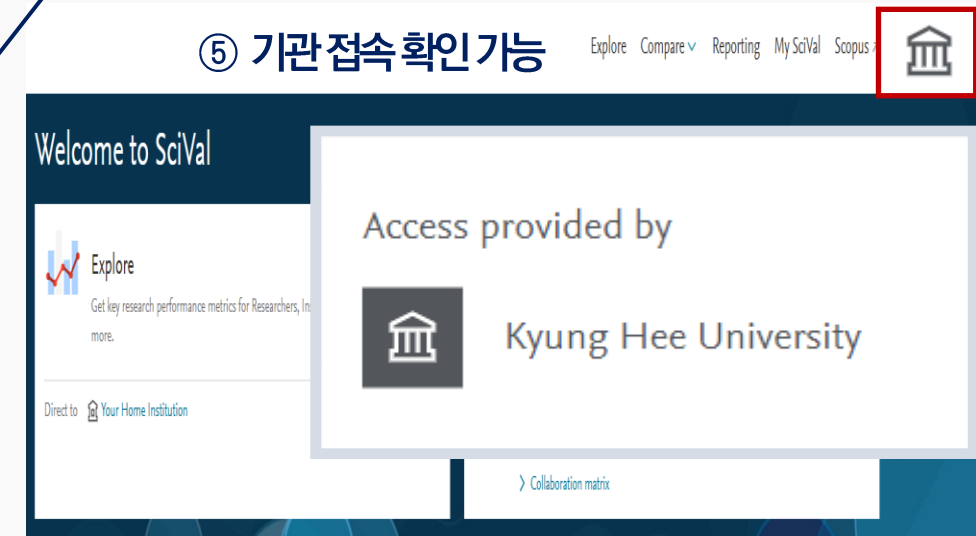


The registration form includes the Elsevier logo and the text "Register" and "Create password to register". It has input fields for "Email 주소" (with "khulove@khu.ac.kr" entered), "Given name 이름", "Family name 성", and "Password 비밀번호". A "Register" button is highlighted with a red box, and a link "I already have an account" is visible below it.



The confirmation screen displays "ELSEVIER" and "Registration successful". Below the text "From now on you can use your Elsevier account to get access to SciVal and other Elsevier products.", a blue button labeled "Continue to SciVal" is highlighted with a red border. An arrow points from this button to the next screen.

⑤ 기관 접속 확인가능



The SciVal interface shows a navigation menu with "Explore", "Compare", "Reporting", "MySciVal", and "Scopus". A red box highlights a building icon in the top right. The main content area says "Welcome to SciVal" and "Access provided by Kyung Hee University". A "Collaboration matrix" link is at the bottom.

2. SCIVAL 활용 연구자 연구성과 분석 순서

▪ 연구자 SCOPUS ID로 SCIVAL 활용 연구성과 분석 가능

2-1. 연구자 Scopus ID 확인(8p)

- 지원자 논문을 SCOPUS에서 검색하여 확인

연구자 정보 입력(10p) (Import researcher)

연구자 연구성과 확인(12p)

- Scholarly Output(논문 수)
- Citation Count(전체 피인용 수)
- Citations per Publication(논문 한 편당 인용 수)
- FWCI(상대적 피인용 지수)
- International Collaboration(국제협력 연구비율)
- Output in Top 10% Citation Percentiles
(인용 건수 기준 전세계 상위 10%에 해당 되는 논문 비율)
- Publications in Top 10% Journal Percentiles
(저널의 영향력 지수 기준 상위 10% 저널에 발표된 논문 비율)

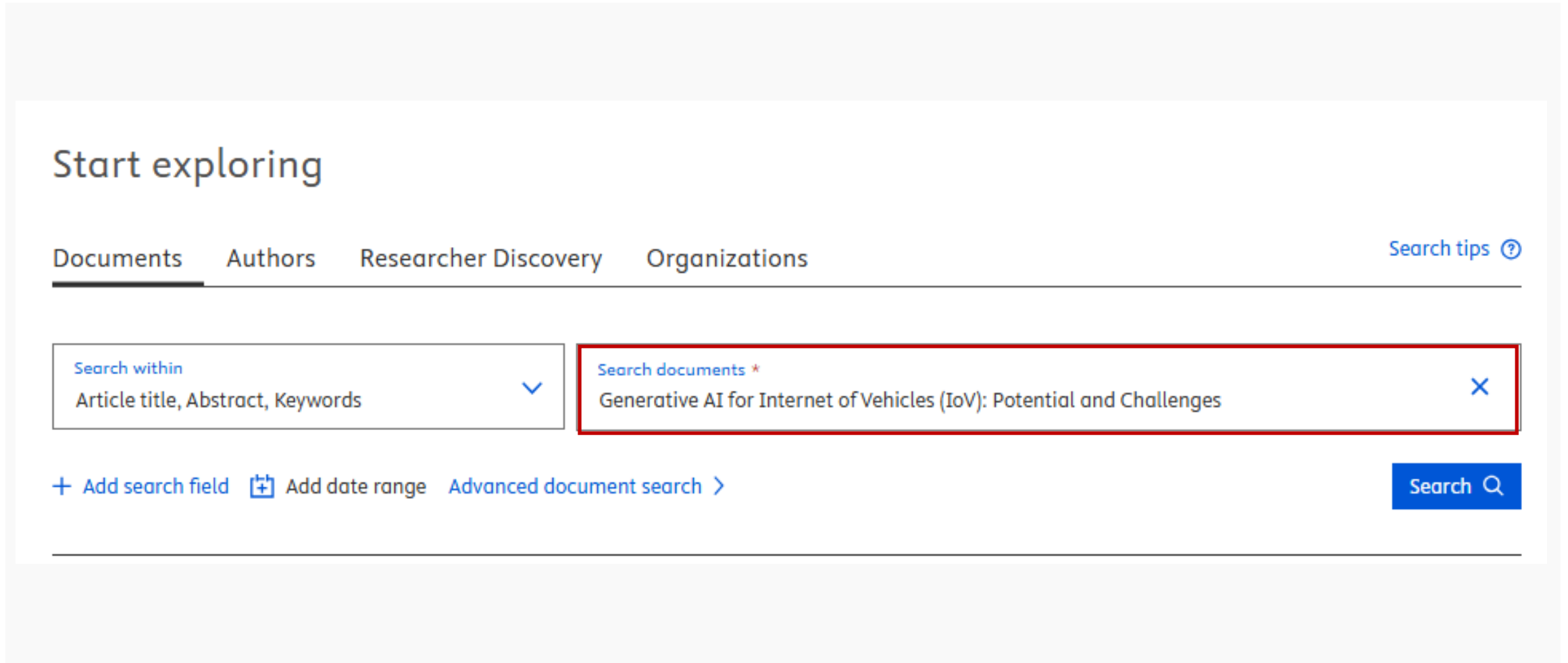
유의사항

Scival은 일주일 주기로 업데이트 되므로

채용분야별 지원자 동일시점 연구성과 분석(추출) 필요

2-1. 연구자 SCOPUS ID 확인 방법

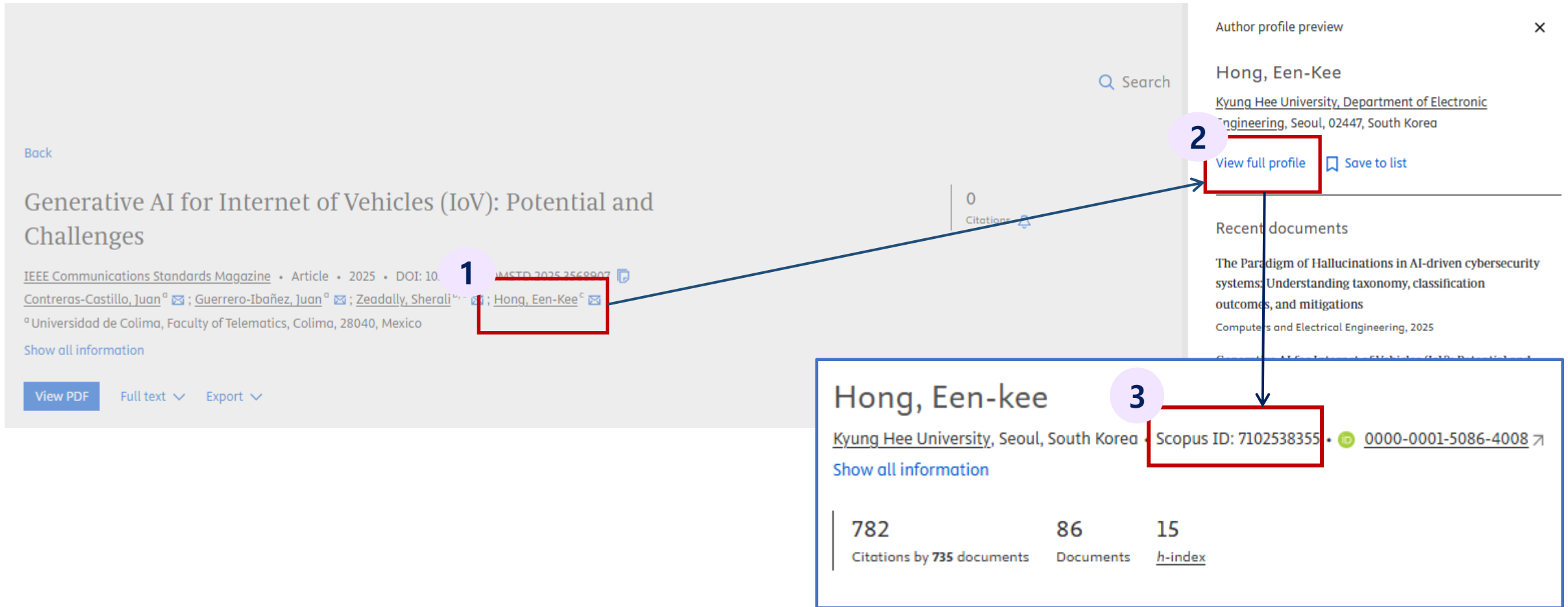
- SCOPUS 홈페이지 - 연구자 논문 검색



The screenshot displays the SCOPUS search interface. At the top, the text "Start exploring" is visible. Below it, there are four navigation tabs: "Documents", "Authors", "Researcher Discovery", and "Organizations". The "Documents" tab is currently selected and underlined. To the right of these tabs is a "Search tips" link with a question mark icon. Below the navigation tabs is a search bar area. On the left, there is a dropdown menu labeled "Search within" with the text "Article title, Abstract, Keywords" and a downward arrow. To the right of this is a search input field containing the text "Generative AI for Internet of Vehicles (IoV): Potential and Challenges". This search input field is highlighted with a red border. To the right of the search input field is a blue "X" icon for clearing the search. Below the search bar, there are three links: "+ Add search field" with a plus icon, "Add date range" with a calendar icon, and "Advanced document search" with a right arrow. On the far right of this row is a blue "Search" button with a magnifying glass icon.

2-1. 연구자 SCOPUS ID 확인 방법

- 논문 선택 - 논문 저자 중 해당 연구자명 클릭 - Scopus ID 확인



Back

Generative AI for Internet of Vehicles (IoV): Potential and Challenges

IEEE Communications Standards Magazine • Article • 2025 • DOI: 10.1109/COMST.2025.2568907

Contreras-Castillo, Juan^a ✉; Guerrero-Ibañez, Juan^a ✉; Zeadally, Sherali^b ✉; Hong, Een-Kee^c ✉

^a Universidad de Colima, Faculty of Telematics, Colima, 28040, Mexico

Show all information

View PDF Full text ▾ Export ▾

0 Citations

Author profile preview

Hong, Een-Kee

Kyung Hee University, Department of Electronic Engineering, Seoul, 02447, South Korea

View full profile Save to list


Recent documents

The Paradigm of Hallucinations in AI-driven cybersecurity systems: Understanding taxonomy, classification outcomes, and mitigations

Computers and Electrical Engineering, 2025

Hong, Een-kee

Kyung Hee University, Seoul, South Korea

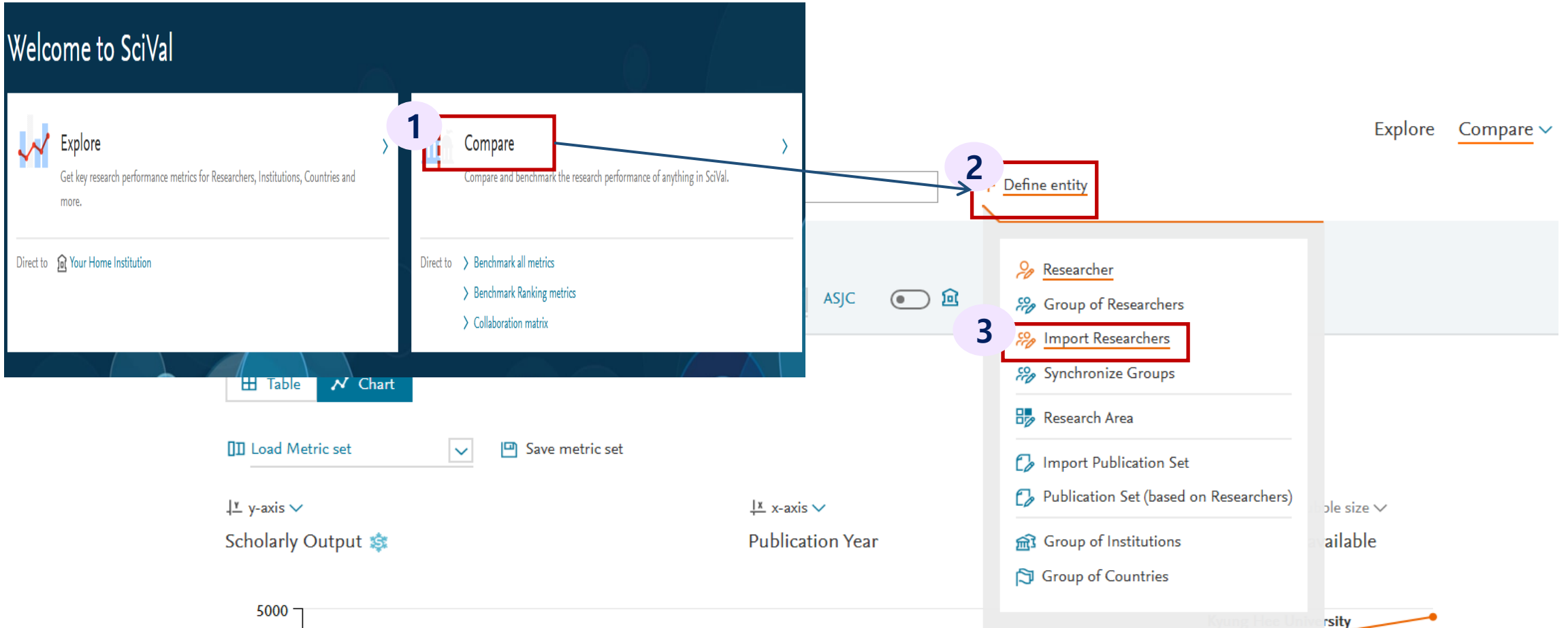
Scopus ID: 7102538355 •  0000-0001-5086-4008

Show all information

782	86	15
Citations by 735 documents	Documents	<u>h-index</u>

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

① 연구자 정보 입력: Scival 접속 → Compare → Define entity → Import Researchers



The screenshot displays the SciVal interface with the following elements:

- Explore**: Get key research performance metrics for Researchers, Institutions, Countries and more.
- Compare**: Compare and benchmark the research performance of anything in SciVal. (Step 1)
- Define entity**: (Step 2)
- Import Researchers**: (Step 3)

Additional interface details include:

- Direct to: > Benchmark all metrics, > Benchmark Ranking metrics, > Collaboration matrix
- ASJC:
- Table | Chart
- Load Metric set Save metric set
- y-axis: Scholarly Output
- x-axis: Publication Year
- 5000
- Available

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

Import Researchers → Scopus ID 입력 → 영문 이름 확인 → save and finish

1. Upload file or
paste IDs



2. Refine authors



3. Organize and save

Paste IDs

Alternatively, you can paste a list of Scopus author IDs or ORCID IDs in this field (one ID per row, max. 1,000).

7102538355

다수 아이디 한번에 업로드(입력)도 가능

Next step >

1 matched author

will be directly imported into SciVal.

[Learn more](#)

Author ↑

ID

Hong, Een-Kee

7102538355

Entities to be imported

Search



All



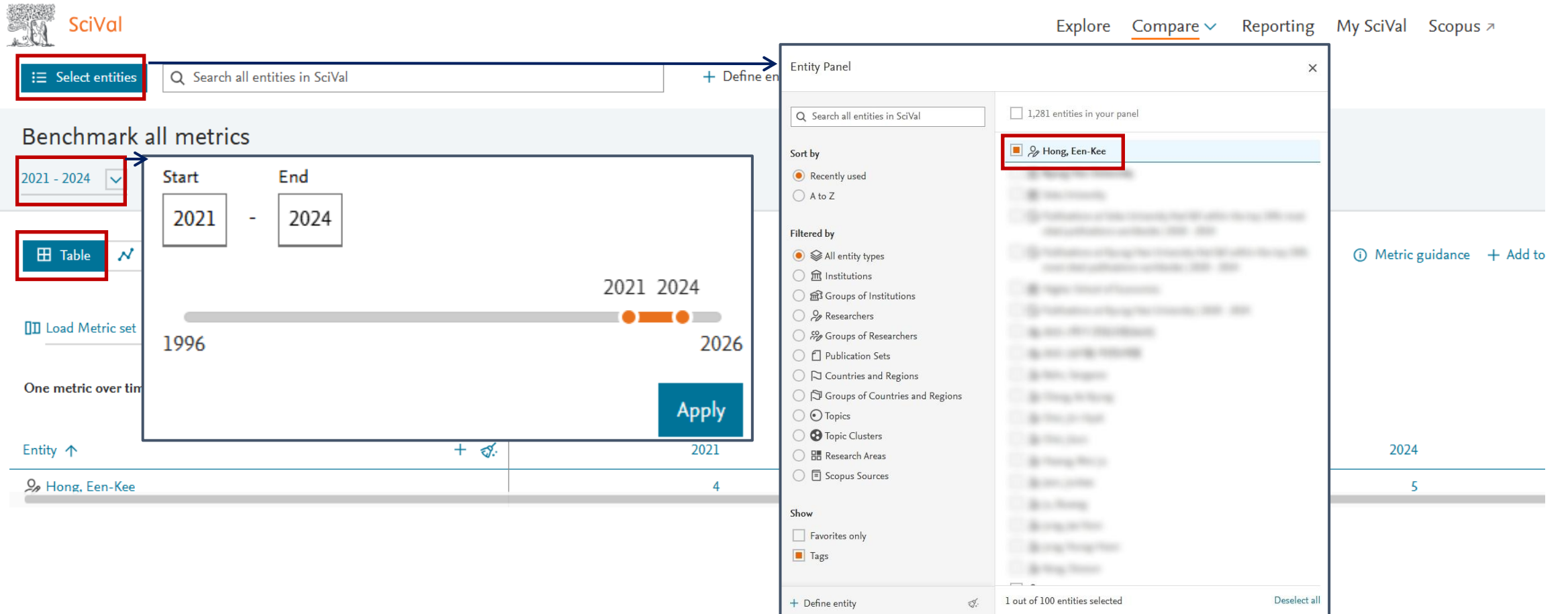
 Hong, Een-Kee

Save and finish >

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

② 연구자(지원자) 연구성과 확인:

Compare → Select entities → 연구기간 설정 → Table 선택



SciVal

Explore Compare Reporting My SciVal Scopus ↗

Select entities Search all entities in SciVal + Define entity

Benchmark all metrics

2021 - 2024 Start 2021 - End 2024

Table

1996 2021 2024 2026 Apply

Entity ↑

Entity	2021
Hong, Een-Kee	4

Entity Panel

Search all entities in SciVal 1,281 entities in your panel

Hong, Een-Kee

Sort by

- Recently used
- A to Z

Filtered by

- All entity types
- Institutions
- Groups of Institutions
- Researchers
- Groups of Researchers
- Publication Sets
- Countries and Regions
- Groups of Countries and Regions
- Topics
- Topic Clusters
- Research Areas
- Scopus Sources

Show

- Favorites only
- Tags

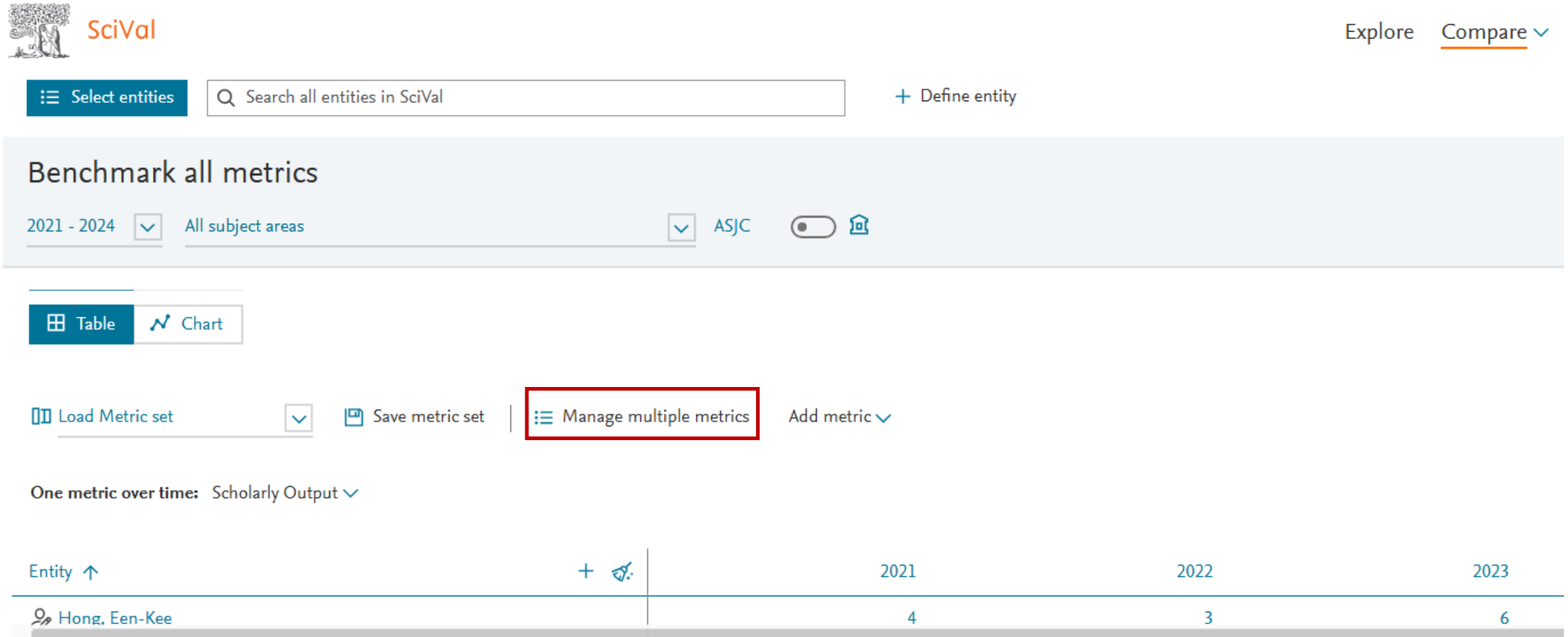
+ Define entity 1 out of 100 entities selected Deselect all

Metric guidance + Add to

2024
5

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

③ 분석정보 설정: Manage multiple metrics 선택



SciVal Explore Compare ▾

Select entities + Define entity

Benchmark all metrics



2021 - 2024 ▾ All subject areas ▾ ASJC 

Table Chart

Load Metric set ▾ Save metric set **Manage multiple metrics** Add metric ▾

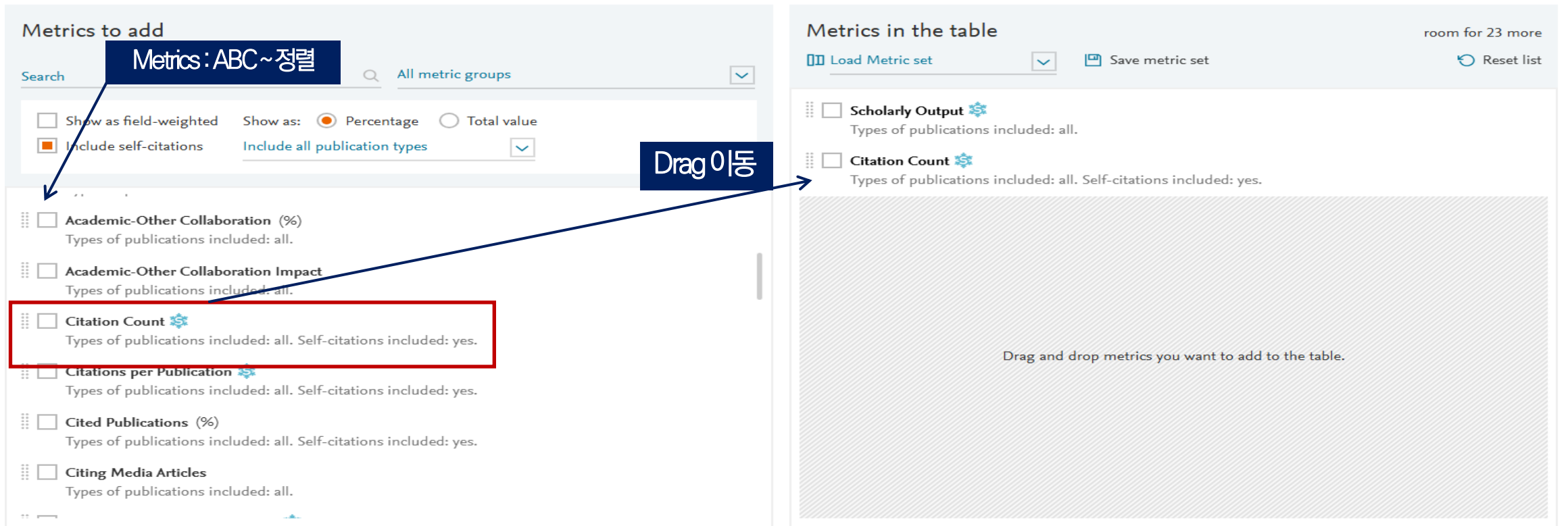
One metric over time: Scholarly Output ▾

Entity ↑	+	↻	2021	2022	2023
 Hong, Een-Kee			4	3	6

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

④ Metrics in the table 구성: 아래 metrics 선택(왼쪽에서 오른쪽으로 drag)

Scholarly Output	Citation Count	Citations per Publication	FWCI	International Collaboration	Output in Top 10% Citation Percentiles	Publications in Top 10% Journal Percentiles
------------------	----------------	---------------------------	------	-----------------------------	--	---



Metrics to add

Search: Metrics : ABC~정렬

Show as: Percentage Total value

Include self-citations Exclude self-citations

- Academic-Other Collaboration (%)
- Academic-Other Collaboration Impact
- Citation Count
- Citations per Publication
- Cited Publications (%)
- Citing Media Articles

Metrics in the table

room for 23 more

- Scholarly Output
- Citation Count

Drag and drop metrics you want to add to the table.

Update metrics >

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

④ Metrics in the table 구성: 아래 7개 metrics 선택

Scholarly Output ⚙️

Types of publications included: all.

Citation Count ⚙️

Types of publications included: all. Self-citations included:

Citations per Publication ⚙️

Types of publications included: all. Self-citations included:

Field-Weighted Citation Impact ⚙️

Types of publications included: all. Self-citations included:

Geographical Collaboration ⚙️ (%)

Types of publications included: all. Field-weighted: no

International Collaboration 지표 해당

Outputs in Top Citation Percentiles ⚙️ (%)

Types of publications included: all. Self-citations included: yes. Field-weighted: no

ⓘ Thresholds

Publications in Top Journal Percentiles ⚙️ (%)

CiteScore Percentile (from 2011 onwards -)

Types of publications included: all.

The percentage of the Publications in Top Journal Percentiles is calculated using only the publications that have a CiteScore Percentile, SNIP, or SJR value.

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

⑤ Update metrics

Metrics to add

Search



All metric groups



Show as field-weighted

Show as:

Percentage

Total value

Include self-citations

Include all publication types



Publications in Journal Quartiles (7%)

CiteScore Percentile (from 2011 onwards -)

Types of publications included: all.

The percentage of the Publications in Journal Quartiles is calculated using only the publications that have a CiteScore Percentile, SNIP, or SJR value.

Publications in Top Journal Percentiles (%)

CiteScore Percentile (from 2011 onwards -)

Types of publications included: all.

The percentage of the Publications in Top Journal Percentiles is calculated using only the publications that have a CiteScore Percentile, SNIP, or SJR value.

Scholarly Output

Types of publications included: all.

Scholarly Output cited by Media

Types of publications included: all.

Scholarly Output cited by Patents (%)

Metrics in the table

room for 18 more

Load Metric set



Save metric set

Reset list

Scholarly Output

Types of publications included: all.

Citation Count

Types of publications included: all. Self-citations included: yes.

Citations per Publication

Types of publications included: all. Self-citations included: yes.

Field-Weighted Citation Impact

Types of publications included: all. Self-citations included: yes.

Geographical Collaboration (%)

Types of publications included: all. Field-weighted: no.

Outputs in Top Citation Percentiles (%)

Types of publications included: all. Self-citations included: yes. Field-weighted: no.

Thresholds

Publications in Top Journal Percentiles (%)

CiteScore Percentile (from 2011 onwards -)

Drag and drop metrics you want to add to the table.

Update metrics >

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

⑥ 연구자 연구성과 확인

Table Chart

Load Metric set Save metric set Manage multiple metrics Add metric

Reset to one metric over time

분석결과

연구자 ID	710253835
Scholarly Output	18
Citation Count	136
Citations per Publication	7.6
FWCI	0.74
국제협력 논문 비율	11.1%
상위 10% 논문 비율	11.1%
상위 10% 저널 논문 비율	31.3%

Entity	Scholarly Output	Citation Count	Citations per Publication	Field-Weighted Citation Impact	International Collaboration (%)	Output in Top 10% Citation Percentiles (%)	Publications in Top 10% Journal Percentiles by CiteScore Percentile (%)
Hong, Een-Kee	18	136	7.6	0.74	11.1	11.1	31.3

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

⑦ 연구자 연구성과 저장 방법:

Export → Export data aggregated for active year range(XLSX) → 엑셀 다운로드



The screenshot shows the SCIVAL interface with the following elements:

- Buttons: Table, Chart
- Actions: Load Metric set, Save metric set, Manage multiple metrics, Add metric
- Reset: Reset to one metric over time
- Export menu (circled 1):
 - Export
 - Export data aggregated for active year range (CSV) (circled 2)
 - Export data aggregated for active year range (XLSX) (circled 2)
 - Export data per publication year (CSV)
 - Export data per publication year (XLSX)
- Data Table:

Entity	Scholarly Output	Citation Count	Citations per Publication	Field-Weighted Citation Impact	International Collaboration (%)	Output in Top 10% Citation Percentiles (%)	Percentiles by CiteScore Percentile (%)
Hong, Een-Kee	18	136	7.6	0.74	11.1	11.1	31.3

2-2. SCIVAL 활용 연구자 연구성과 분석_compare(구.벤치마킹)

⑧ Metrics 저장 방법:

Save metric set → set명 입력 → update metric set

Table Chart

Metric guidance + Add to Reporting Export

Load Metric set **1** Save metric set Manage multiple metrics Add metric

Reset to one metric over time

Heatmap

Save metric set Manage metric sets

Create new or update existing metric set

연구자 분석 자료

2 Update metric set >

Entity			Citations per Publication	Field-Weighted Citation Impact	International Collaboration (%)	Output in Top 10% Citation Percentiles (%)	Publications in Top 10% Journal Percentiles by CiteScore Percentile (%)
Hong, Een-Kee	18	136	7.6	0.74	11.1	11.1	31.3



Thank you

문의처: 연구처 연구진흥팀
서울C 02-961-0554 / 국제C 031-201-3522



경희대학교
KYUNG HEE UNIVERSITY